

In re OREN ET AL., Application No. 10/042,836
Amendment B

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 (canceled)

Claims 18-19 (withdrawn)

Claims 20-26 (canceled)

Claim 27 (currently amended): An apparatus comprising:

means for programming an associative memory with a plurality of sets of entries, each of the plurality of set of entries including a different one of a plurality of unique decoder fields;

means for receiving a piece of information including a data item;

means for identifying a nested condition associated with the data item; and

means for generating in a plurality of lookup words with a predefined set of decoder fields of the plurality of unique decoder fields.

Claim 28 (original): The apparatus of claim 27, wherein the piece of information includes a nested condition indication.

Claim 29 (original): The apparatus of claim 27, further comprising means for forwarding a lookup indication to a receiver.

Claim 30 (original): The apparatus of claim 29, wherein the lookup indicator indicates the presence or absence of the nested condition.

Claim 31 (original): The apparatus of claim 27, further comprising associative memory means for receiving the plurality of lookup words and for generating a plurality of lookup results.